

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040219\
 Data File : BG040320.D
 Acq On : 3 Apr 2019 8:47
 Operator : JU/SJ
 Sample : PB118519BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118519BL

Quant Time: Apr 03 16:30:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	55193	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	236582	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	174880	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	445589	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	445125	20.00	ng	-0.02
87) Perylene-d12	25.01	264	453449	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	342323	103.11	ng	-0.01
7) Phenol-d6	7.21	99	481855	105.02	ng	-0.02
23) Nitrobenzene-d5	9.23	82	271794	61.06	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	108890	57.61	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	707965	59.99	ng	-0.02
79) Terphenyl-d14	20.03	244	1216152	61.46	ng	-0.02

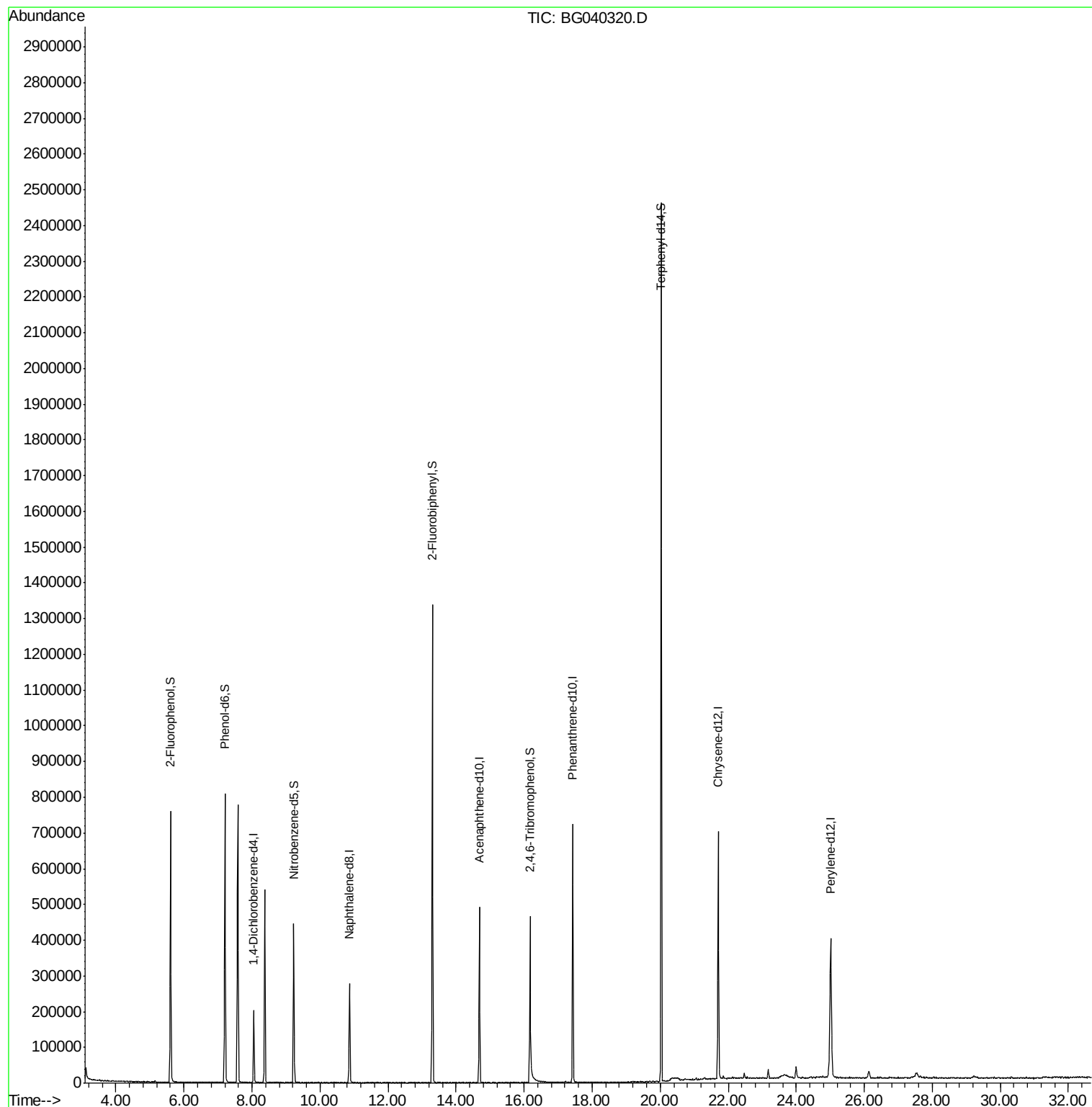
Target Compounds	Qvalue
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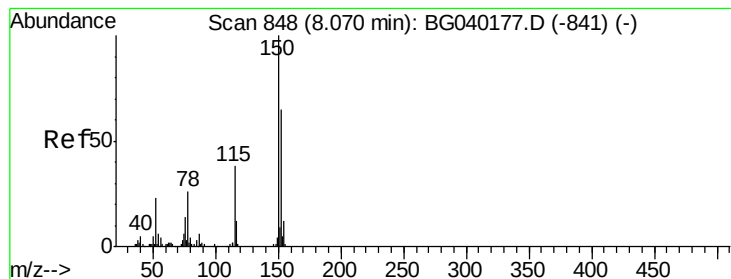
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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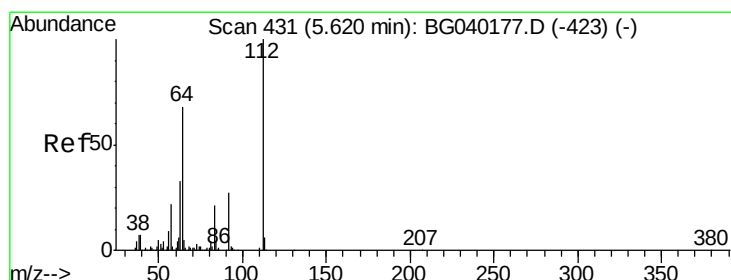
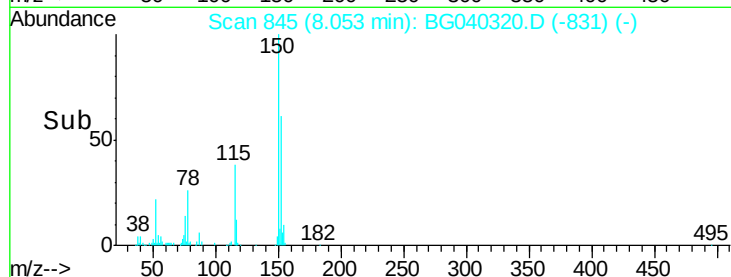
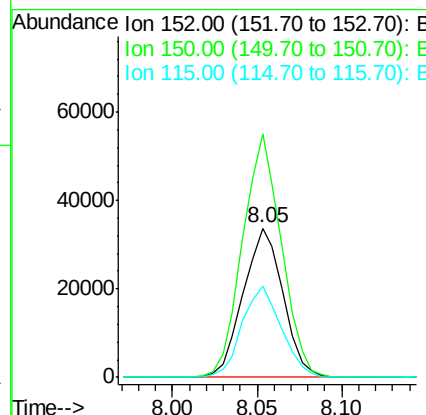
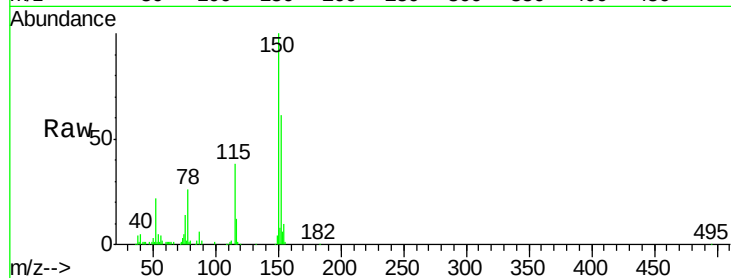


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040320.D
Acq: 3 Apr 2019 8:47

Instrument :
BNA_G
ClientSampleId :
PB118519BL

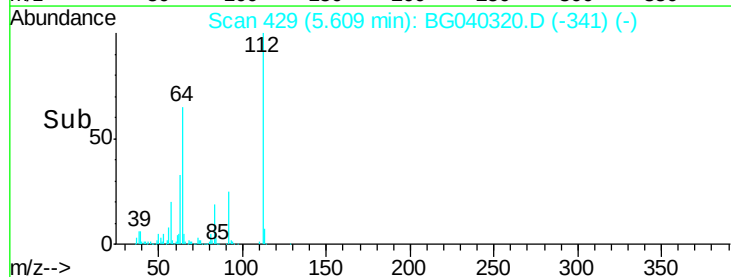
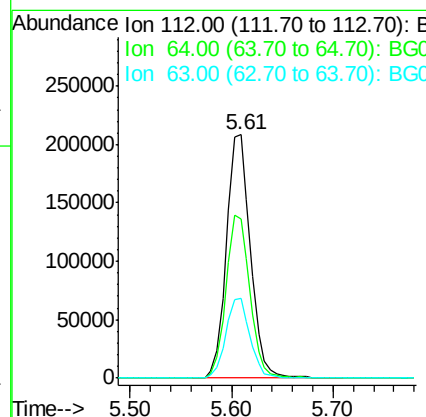
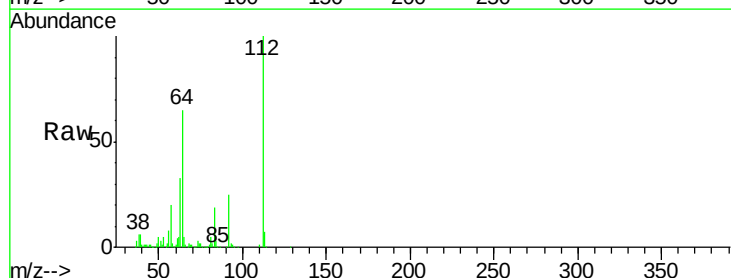
Tgt Ion:152 Resp: 55193
Ion Ratio Lower Upper
152 100
150 163.4 123.7 185.5
115 61.3 46.9 70.3

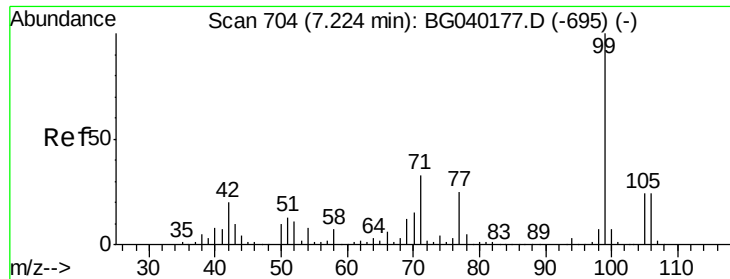


#5

2-Fluorophenol
Concen: 103.108 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040320.D
Acq: 3 Apr 2019 8:47

Tgt Ion:112 Resp: 342323
Ion Ratio Lower Upper
112 100
64 65.4 54.2 81.2
63 33.0 26.4 39.6





#7

Phenol-d6

Concen: 105.017 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040320.D

Acq: 3 Apr 2019 8:47

Instrument :

BNA_G

ClientSampleId :

PB118519BL

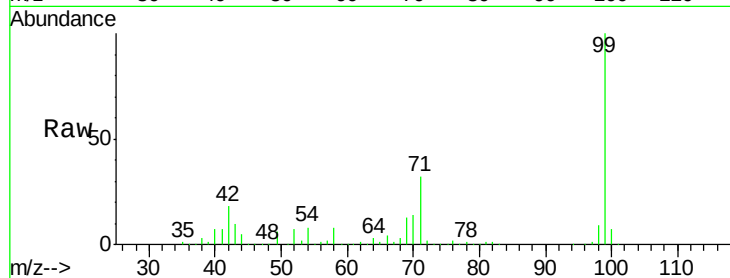
Tgt Ion: 99 Resp: 481855

Ion Ratio Lower Upper

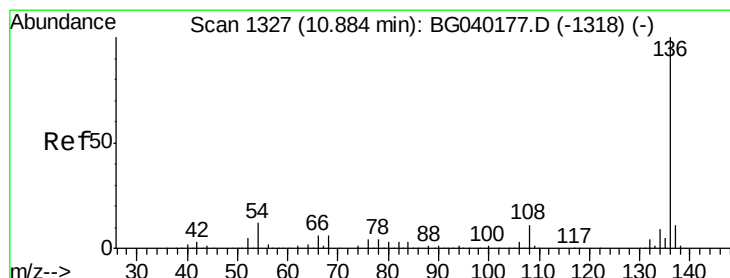
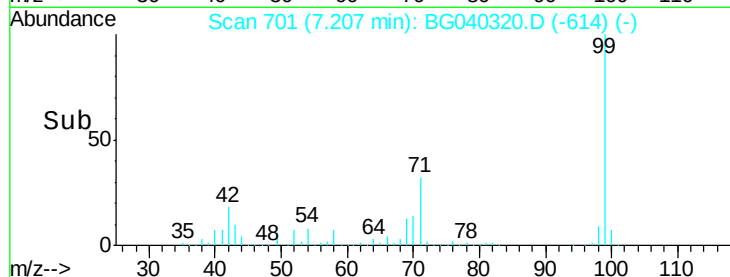
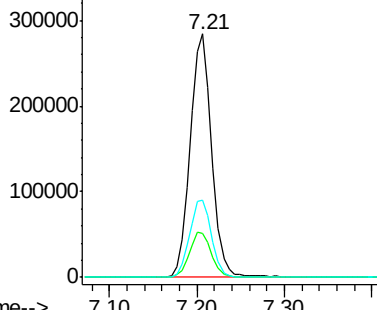
99 100

42 18.3 16.2 24.2

71 31.6 26.8 40.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BG040320.D

Acq: 3 Apr 2019 8:47

Tgt Ion: 136 Resp: 236582

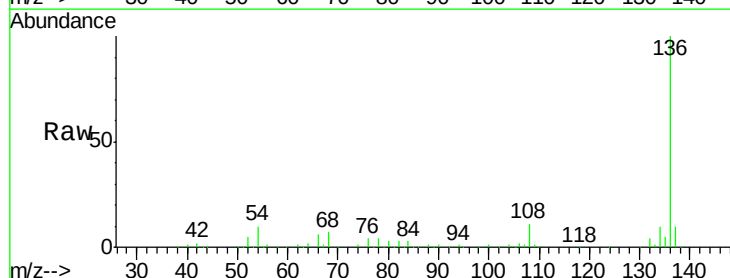
Ion Ratio Lower Upper

136 100

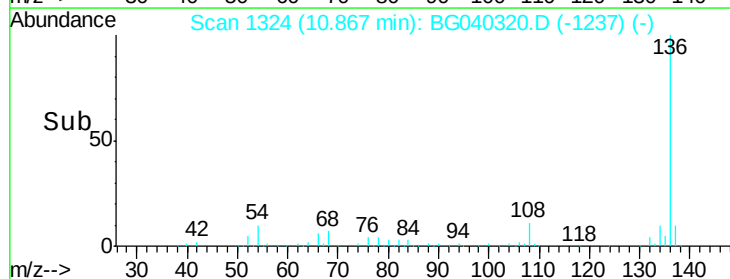
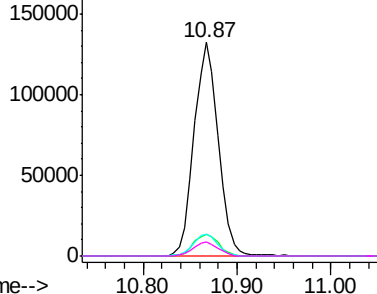
137 10.1 8.9 13.3

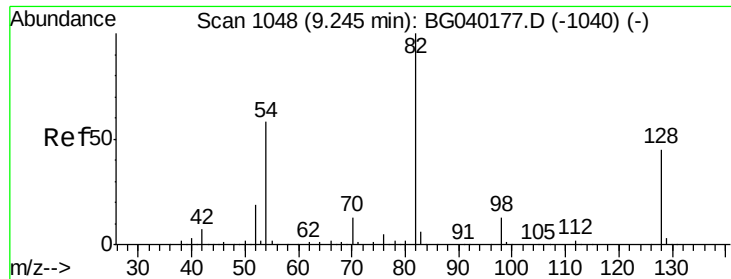
54 10.1 9.6 14.4

68 6.9 5.1 7.7



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

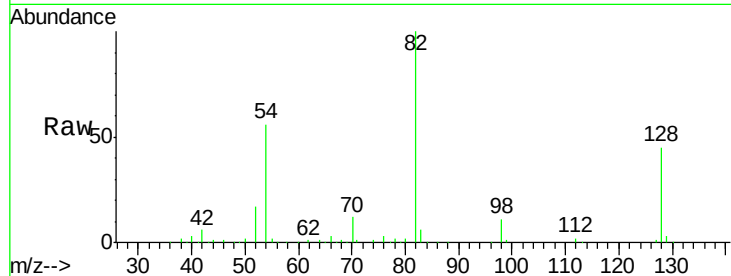




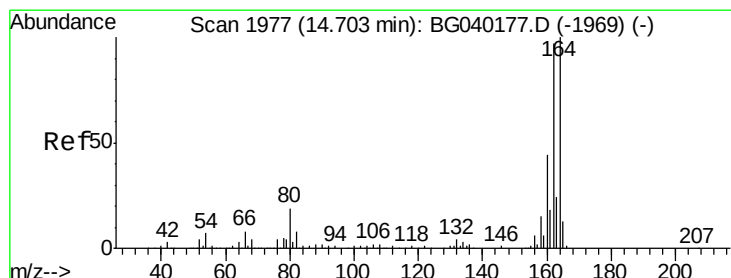
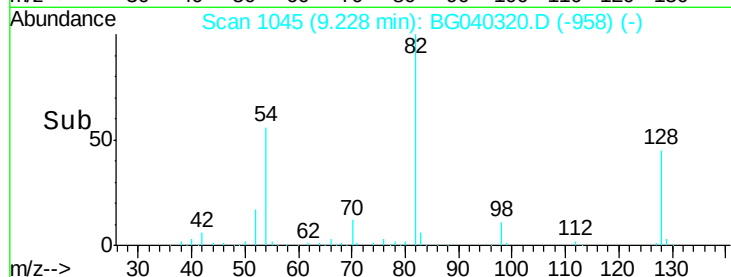
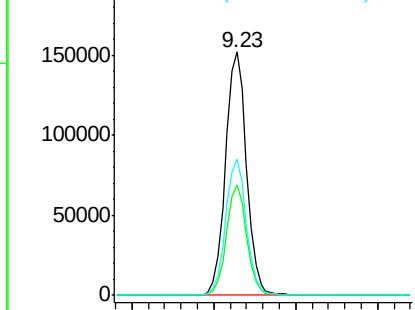
#23
Nitrobenzene-d5
Concen: 61.065 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040320.D
Acq: 3 Apr 2019 8:47

Instrument :
BNA_G
ClientSampleId :
PB118519BL

Tgt Ion: 82 Resp: 271794
Ion Ratio Lower Upper
82 100
128 45.2 35.8 53.8
54 56.0 46.2 69.2

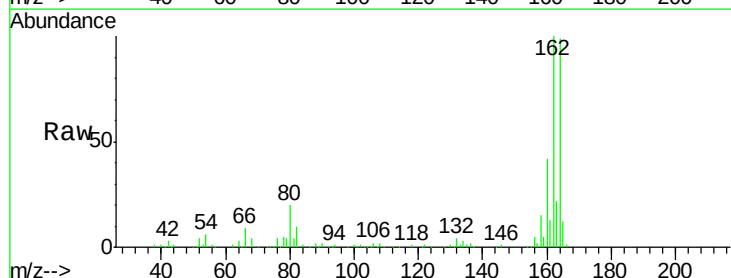


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

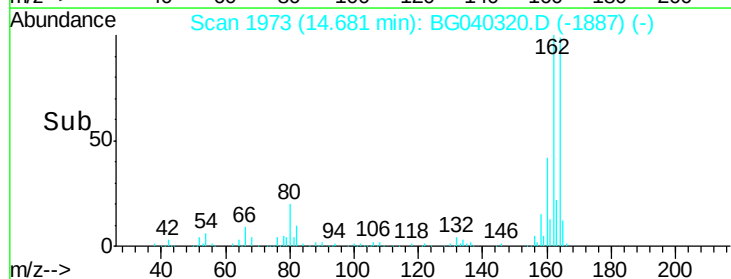
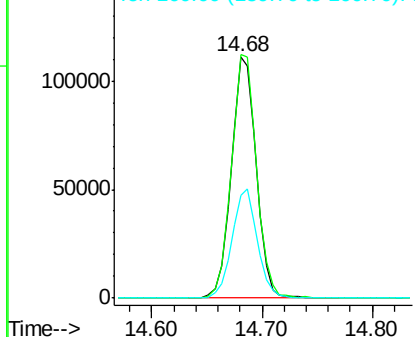


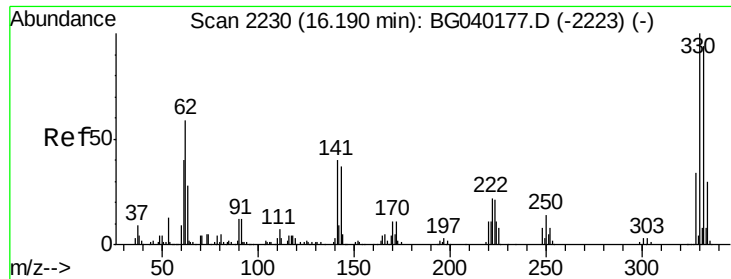
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040320.D
Acq: 3 Apr 2019 8:47

Tgt Ion: 164 Resp: 174880
Ion Ratio Lower Upper
164 100
162 100.7 77.4 116.2
160 42.6 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

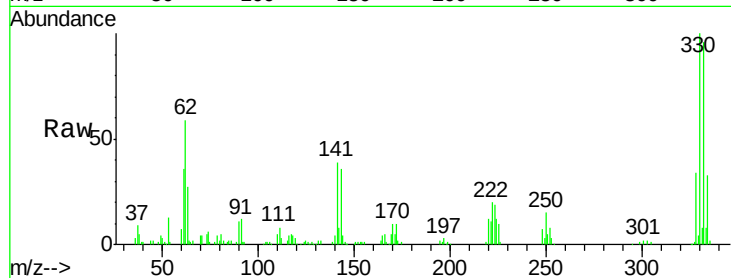




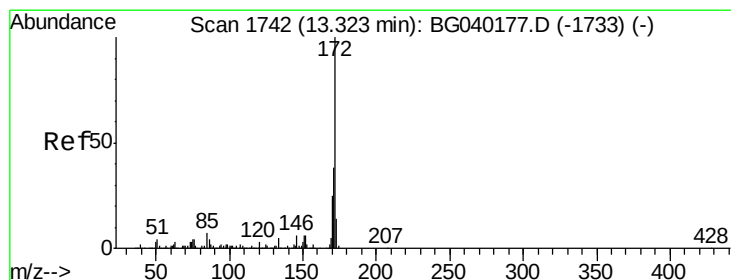
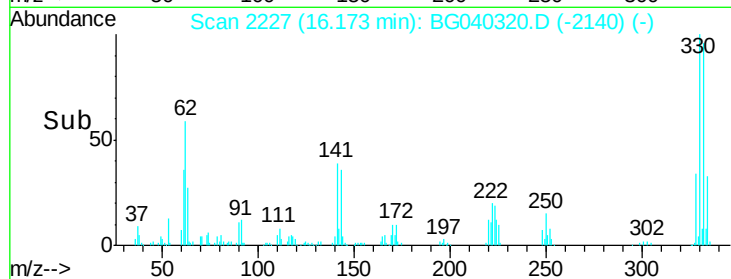
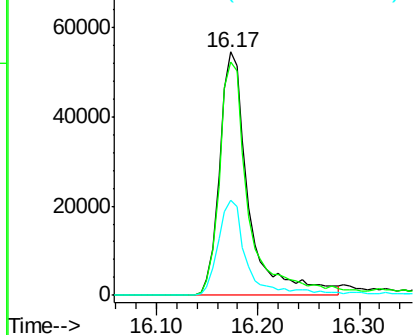
#42
 2,4,6-Tribromophenol
 Concen: 57.614 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.02 min
 Lab File: BG040320.D
 Acq: 3 Apr 2019 8:47

Instrument :
 BNA_G
 ClientSampleId :
 PB118519BL

Tgt Ion:330 Resp: 108890
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 115.0
 141 36.0 32.6 48.8

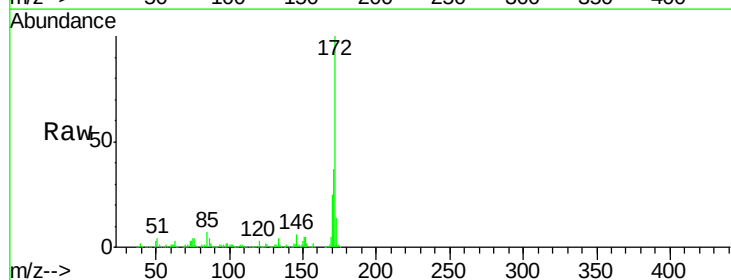


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

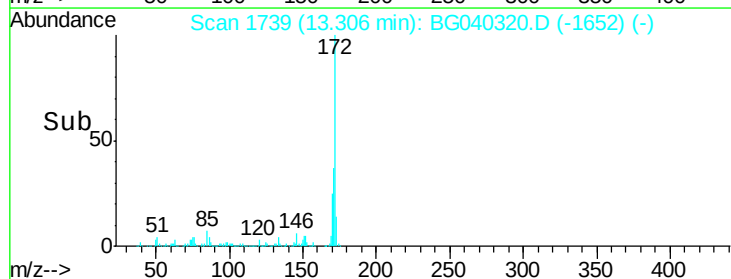
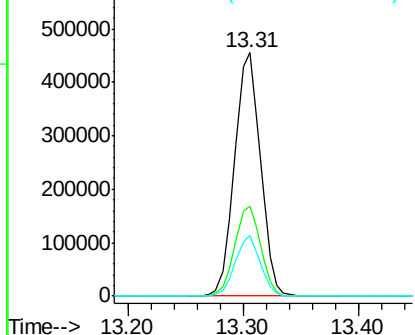


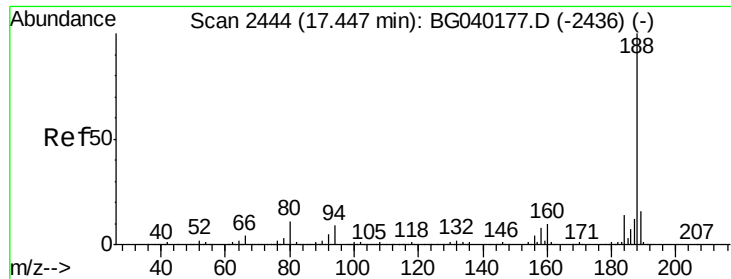
#45
 2-Fluorobiphenyl
 Concen: 59.986 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG040320.D
 Acq: 3 Apr 2019 8:47

Tgt Ion:172 Resp: 707965
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.5 45.7
 170 25.1 20.1 30.1



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.02 min

Lab File: BG040320.D

Acq: 3 Apr 2019 8:47

Instrument :

BNA_G

ClientSampleId :

PB118519BL

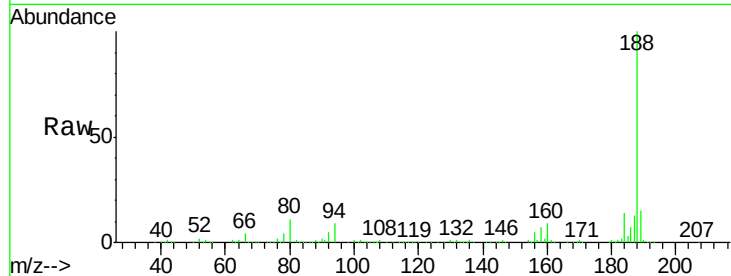
Tgt Ion:188 Resp: 445589

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.4

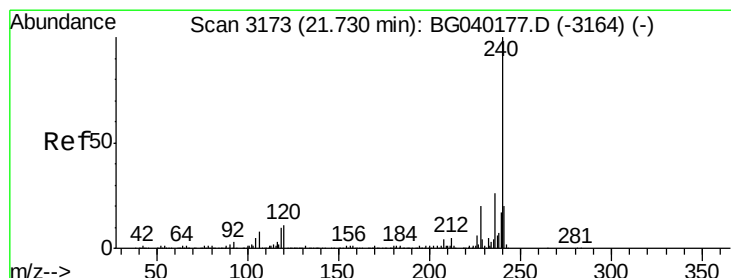
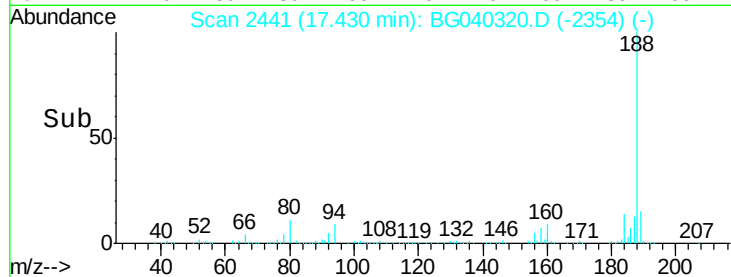
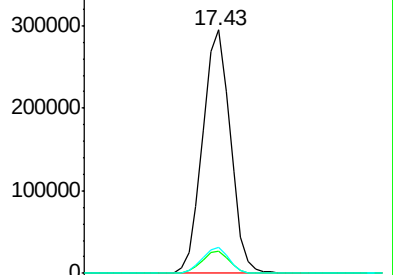
80 10.7 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.02 min

Lab File: BG040320.D

Acq: 3 Apr 2019 8:47

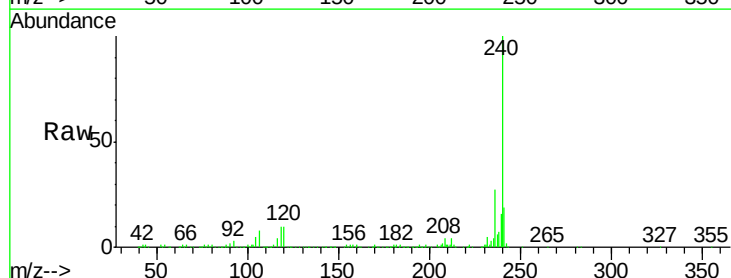
Tgt Ion:240 Resp: 445125

Ion Ratio Lower Upper

240 100

120 9.6 8.4 12.6

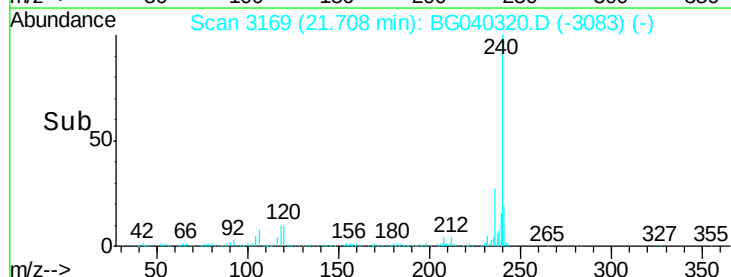
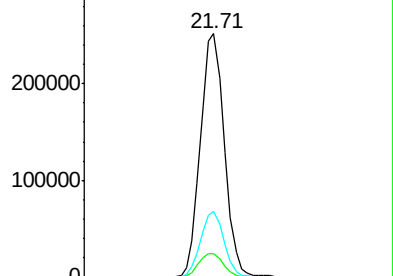
236 26.8 20.8 31.2

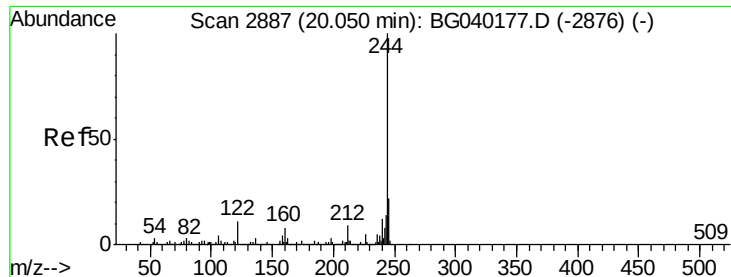


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 61.464 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG040320.D

Acq: 3 Apr 2019 8:47

Instrument :

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PB118519BL

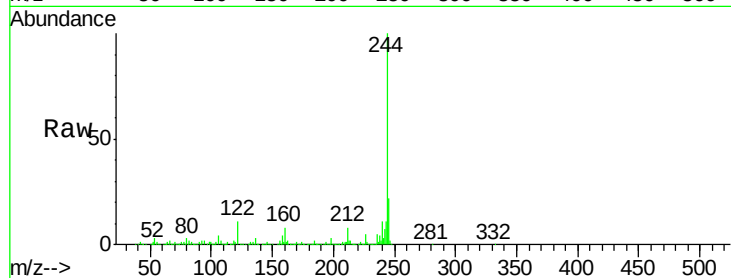
Tgt Ion:244 Resp: 1216152

Ion Ratio Lower Upper

244 100

212 7.9 7.0 10.6

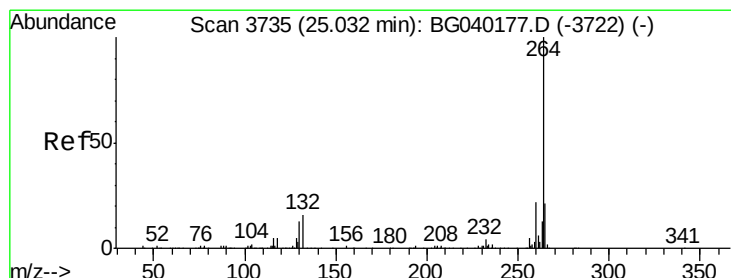
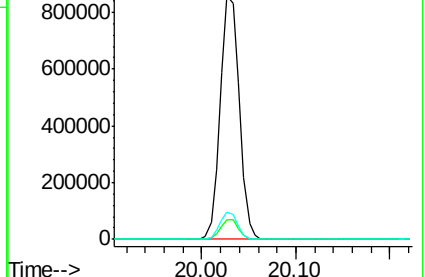
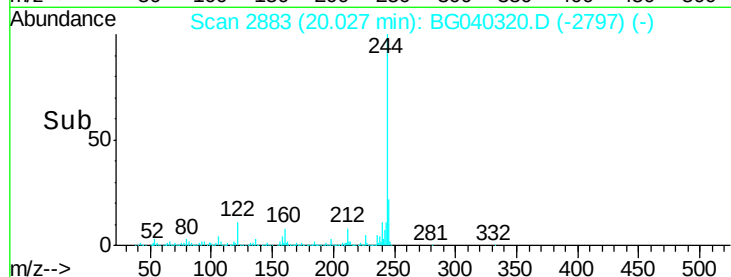
122 11.3 8.5 12.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.02 min

Lab File: BG040320.D

Acq: 3 Apr 2019 8:47

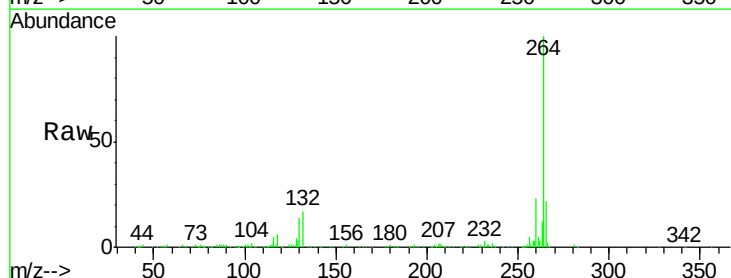
Tgt Ion:264 Resp: 453449

Ion Ratio Lower Upper

264 100

260 22.7 17.9 26.9

265 22.1 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

